

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

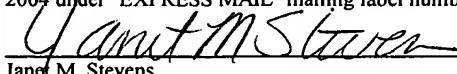
In re the application of: REYNOLDS, Richard, BROOM, Simon and BARRETT, Paul

Filed: Concurrently herewith

For: QUALITY ASSESSMENT TOOL

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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Janet M. Stevens

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. Copies of each of the references listed on Form PTO-1449 are attached.

Also enclosed is a copy of a European Search Report bearing a mailing date of August 13, 2003, and the U.S. PTO is directed thereto for a concise statement of possible relevance of the references cited therein.

The above information is presented so that the Patent and Trademark Office may, in the first instance, determine any materiality thereof to the claimed invention. See 37 C.F.R. 1.104(a) and 1.106(b) concerning the PTO duty to consider and use any such information. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that these references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

Respectfully submitted,



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January 15, 2004

Date

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<p>Form PTO-1449</p> <p>US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>				<i>Complete if Known</i>			
				Application Number			
				Filing Date		Concurrently herewith	
				First Named Inventor		REYNOLDS, Richard	
				Art Unit			
				Examiner Name			
				Confirmation No.			
Sheet	1	of	1	Attorney Docket No.	830_011		

U.S. PATENT DOCUMENTS

Exam. Initial		Document Number	Date	Name	Our Docket No.	Class	Sub Class	Filing Date

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	Translation	Abstract
	AA	01/97414 A1	12/20/2001	WO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages etc.)

	AB	RIX, A., BROOM S. and REYNOLDS, R.: "Non-intrusive monitoring of speech quality in voice over IP networks" ITU-T STUDY GROUP XII DELAYED CONTRIBUTION COM12-D049, 22-26 October 2001, pps. 1-5, XP008018900, Dakar, Senegal
	AC	DUYSBURGH B ET AL: "On the influence of best-effort network conditions on the perceived speech quality of VoIP connections" PROCEEDINGS TENTH INTERNATIONAL CONFERENCE ON COMPUTER COMMUNICATIONS AND NETWORKS (CAT. NO. 01EX495), 15-17 October 2001, pps. 334-339, XP010562114, IEEE, USA ISBN: 0-7803-7128-3
	AD	BIN LI ET AL.: "Experimental results on the impact of cell delay variation on speech quality in ATM networks" ICC 98. CONFERENCE RECORD. 1998 IEEE INTERNATIONAL CONFERENCE ON COMMUNICATIONS, 7-11 June 1998, pps 477-481, XP 010284559, ISBN 0-7803-4788-9
	AE	COLE R G ET AL: "VOICE OVER IP PERFORMANCE MONITORING" Computer Communications Review, Association for Computing Machinery, New York, US, vol. 31, no. 2, April 2001 (2001-04), pps. 9-24, XP 001100240, ISSN 0146-4833

Examiner:	Date Considered:
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.